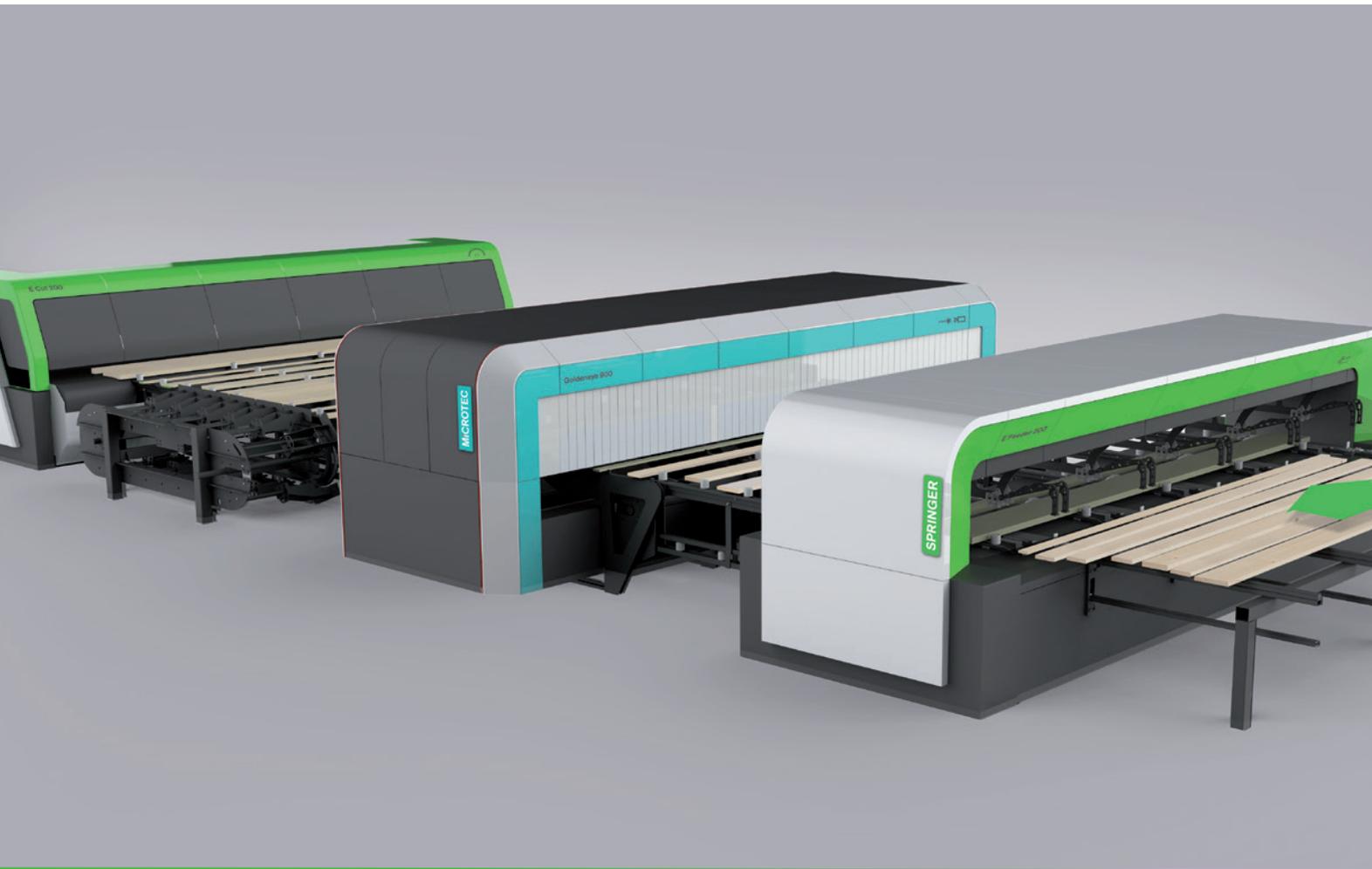


MICROTEC®

SPRINGER®

## E-FEEDER 200 | Goldeneye 900 | E-CUT 200

ONE-STOP SOLUTIONS FOR  
EFFICIENT LUMBER PROCESSING



## ONE-STOP SOLUTIONS FOR EFFICIENT LUMBER PROCESSING

The combination of three innovative machine centers by SPRINGER and MICROTEC provide a complete and customized solution for economically sound lumber processing.

The allocation system **E-Feeder 200** ensures efficient processing and careful handling of lumber during the lug loading process, and a continuous flow of lumber to the downstream measurement and trimming units.

The **Goldeneye 900** quality scanner identifies all lumber properties that are of importance for the assessment of quality, length and grade. This evaluation is carried out in transverse transport and is essential for trimming and downstream sorting. The innovative method of lumber transport means the bottom surface of the boards can be imaged almost entirely at the measurement point as the chain contact surface is only 3 mm wide.

The subsequent **E-Cut 200** allows accurate trimming of the scanned boards. Gear-driven saw blades and servo-actuated trimming arms mean this unique trimmer design requires only minimal maintenance. The trimmer features a separate lugged transfer conveyor to efficiently guide trim ends to the waste conveyor.

Thanks to their modular design, the machine centers can be arranged together or installed separately; both options can be integrated easily into new or existing systems. They can be extended for boards up to a length of 8 meters (26').

### THE MACHINE CENTERS

#### E-FEEDER 200

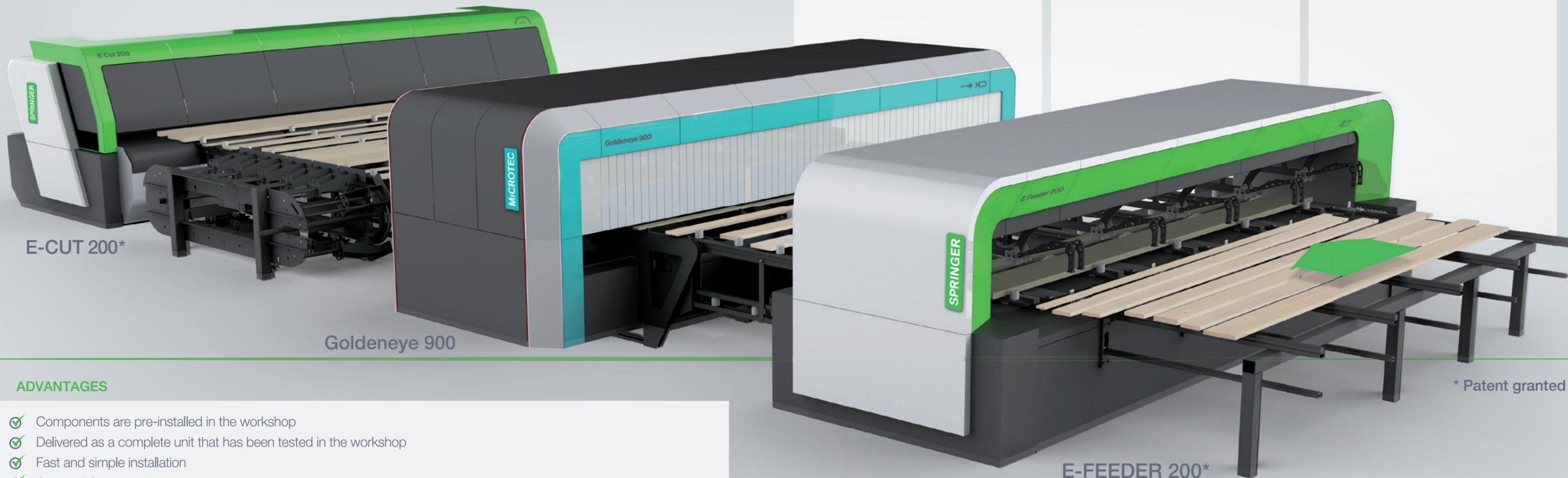
- Reduced downtime
- Controlled acceleration of the boards along the entire allocation process
- Board surfaces and edges remain intact
- Simultaneous and reliable allocation of boards of various dimensions
- Precise and dependable operation with both square and wane edge lumber

#### Goldeneye 900

- No. 1 multi-sensor quality scanner in transverse transport
- Scans the board simultaneously on all four sides
- Assesses the shape and location of wood defects precisely
- Scans green, dry and planed lumber
- Optimizes trimming and quality sorting to achieve a higher market value of the finished product

#### E-CUT 200

- Increased cutting precision due to electrical actuation
- High electrical efficiency
- Temperature-independent operation
- "Beltless" means no parts exposed to wear and tear
- Externally positioned motors facilitate ease of maintenance access



E-CUT 200\*

Goldeneye 900

E-FEEDER 200\*

\* Patent granted

#### ADVANTAGES

- ✓ Components are pre-installed in the workshop
- ✓ Delivered as a complete unit that has been tested in the workshop
- ✓ Fast and simple installation
- ✓ Compatible with existing systems
- ✓ Mechanical and control-related interfaces are predefined
- ✓ Possibility of adapting the process line to the customer's individual requirements
- ✓ Planning and implementation of the tailor-made one-stop solution

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Any technical information is provided for explanation purposes only and depends largely on individual customer requirements. Any technical specification of our machines is adapted to concrete quotations and can, therefore, differ significantly from the symbolic product presentation.